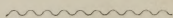


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Library of the Museum
OF
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No. 6110



THE
THIRD ANNUAL REPORT
OF THE
BOARD OF MANAGERS
OF THE
ZOOLOGICAL SOCIETY
OF PHILADELPHIA.

(Incorporated March 21, 1859.)

READ AT THE ANNUAL MEETING OF THE MEMBERS AND LOAN-
HOLDERS OF THE SOCIETY,

APRIL 22, 1875.

PHILADELPHIA,

1875.

THE
Zoological Society of Philadelphia

OFFICE, 230 SOUTH THIRD STREET.

OFFICERS.

For the year ending April 22, 1876.

President,

WILLIAM CAMAC, M. D.

Vice Presidents,

J. GILLINGHAM FELL, GEORGE W. CHILDS.

Corresponding Secretary,

JOHN L. LECONTE, M. D.

Recording Secretary,

JOHN SAMUEL.

Treasurer,

FRANK H. CLARK.

Managers,

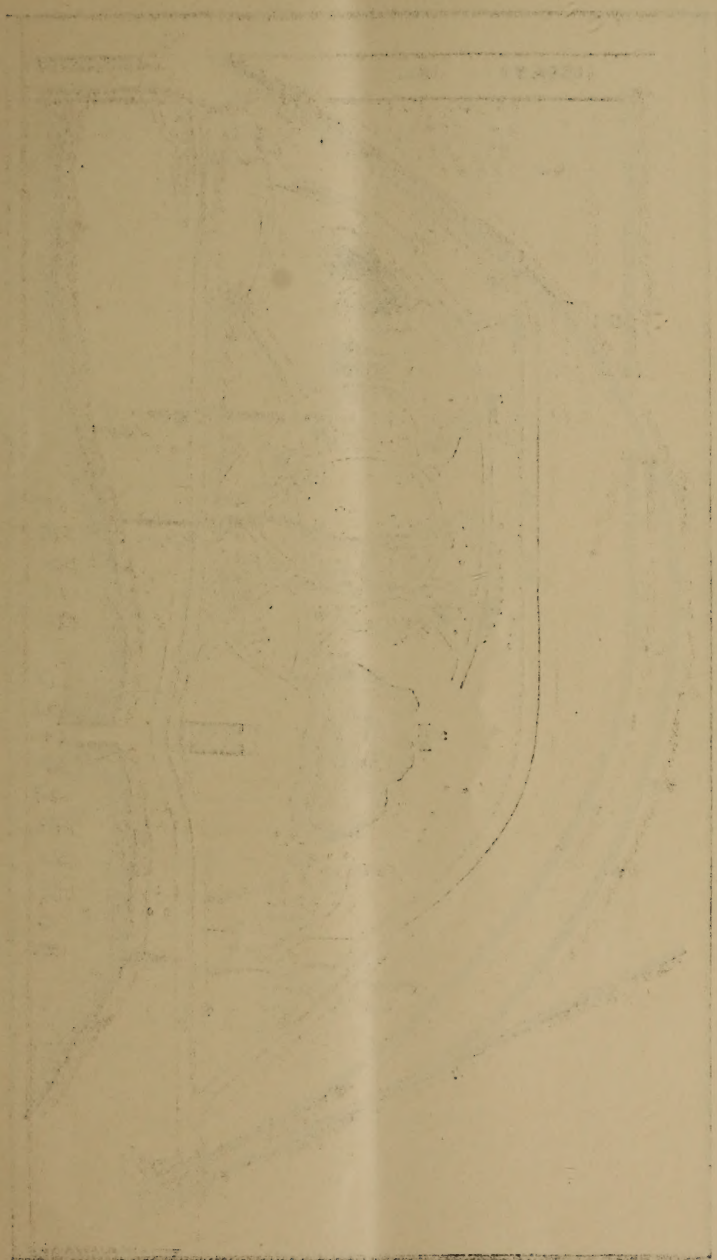
WILLIAM S. VAUX,	S. FISHER CORLIES,
FREDERICK GRAFF,	THEODORE L. HARRISON,
CHARLES W. TROTTER,	HENRY C. GIBSON,
J. VAUGHAN MERRICK,	ISAAC J. WISTAR,
JOHN WAGNER,	EDWARD BIDDLE,
WILLIAM H. MERRICK,	WILLIAM HACKER.

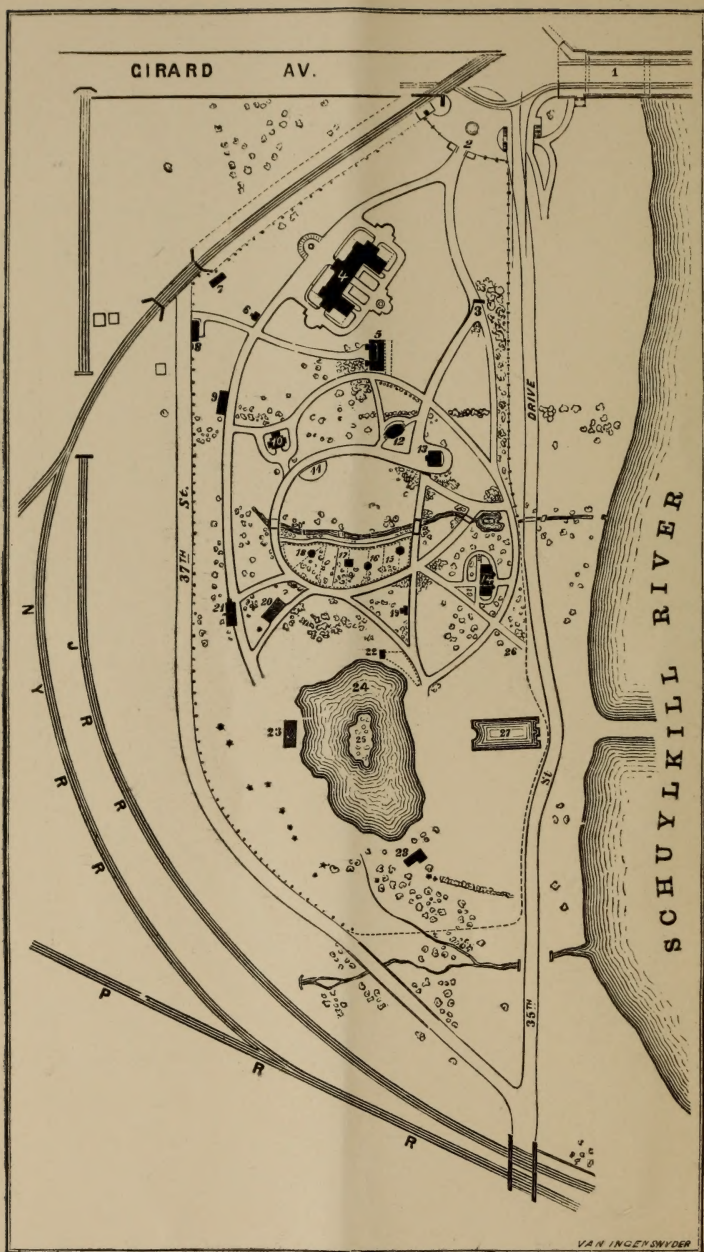
Actuary,

CHARLES L. JEFFERSON.

Superintendent of the Garden,

FRANK J. THOMPSON.





PLAN OF ZOOLOGICAL GARDENS—Fairmount Park, Philadelphia.

REFERENCES TO PLAN OF ZOOLOGICAL GARDENS.

1. Girard Avenue Bridge.
2. Girard Avenue Entrance.
3. Girard Avenue Present Entrance.
4. Carnivora House.
5. Restaurant.
6. Raccoon Pen.
7. Propagating House.
8. Barn.
9. Fox Pen.
10. Aviary.
11. Prairie Dog Village.
12. House for Monkeys.
13. Penn Mansion.
14. Bear Pits.
15. Deer Shelters.
16. Deer Shelters.
17. Deer Shelters.
18. Deer Shelters.
19. Bear Pen.
20. Eagle Aviary.
21. Temporary Winter House.
22. Buffalo House.
23. Skating House.
24. Lake.
25. Island.
26. Thirty-fifth Street Entrance.
27. Forebay West Philadelphia WaterWorks.
28. Yarnall Mansion.

REPORT

OF THE

BOARD OF MANAGERS.

April 22nd, 1875.

The Board of Managers of the Zoological Society of Philadelphia, submit to the members and loan certificate-holders of the Society, this, their third annual report, comprising the operations and business of the Society, from 1st of March, 1874, to the 1st of March, 1875.

MEMBERS.

The number of members of the Society, on the 1st of March, 1875, was:

Annual members,	.	.	.	.	.	702
Life	"	.	.	.	.	145
Corresponding "	.	.	.	.	.	7
Honorary "	.	.	.	.	.	11

Total members (exclusive of loan holders), 865

An increase over preceding year of

Annual members.	.	.	.	.	.	195
Life	"	.	.	.	.	50
Corresponding "	.	.	.	.	.	2
Honorary "	.	.	.	.	.	2

Total increase of members, 249

During the year 9 members have resigned, 2 have died, and 4 have been transferred from annual to life members.

GEN. JOHN EATON, of the *Department of the Interior, Washington, D. C.*, and MR. WILLIAM A. CONKLIN, of the *New York Central Park Menagerie*, have been elected corresponding members, and PROF. E. D. COPE, and MRS. JACOB ARMBRUSTER, of Philadelphia, were elected honorary members. The number of loan holders is 237.

VISITORS.

The number of visitors to the Society's Garden, has exceeded the most sanguine expectations of its friends. Although the grounds were hardly in a condition to receive the public, and although the number of animals then in the Garden, was comparatively meagre, yet the Board, as stated in their last Report, thought it advisable not to deny to the public, during the season of 1874, whatever attractions it then possessed. The result has more than justified the wisdom of this policy. The Garden was opened to the public on the 1st of July, 1874, and from that date to the 1st of March 1875, a period of eight months, the number of admissions to the Garden has been 227,557. A result unparalleled, it is believed, in the history of similar institutions. It largely exceeds the whole number of admissions for the whole twelve months, in each year, of every year from the year 1828, the time of its opening, to the year 1850, (except the years 1831 and 1836,) of the most successful foreign Garden, that of the London Zoological Society, situated in a city having, during that time, a population ranging from 1,500,000, to over 2,000,000, and perhaps the largest floating population of visitors of any city in the world. These figures prove beyond a doubt, for how great a public want this Society has provided, and how assured is its future, as a financial success, and a permanent attraction to the city.

So far, the means of access to the Garden have been limited. Except in the summer months, by means of the Steamboats on the Schuylkill river, visitors have been obliged to walk a short distance to its gates. This, affecting seriously women and children, has doubtless operated against our in-

terests. The Passenger Railways will soon run across the Girard Avenue Bridge, landing passengers directly at the north gate of the Garden, and it is confidently believed that at no distant date, communication will be opened by a track from the passenger railways running in West Philadelphia, via Thirty-fifth street, landing visitors at the southern gate. With these additional means of access, the increased attraction of the Garden and its collection, and the influx of visitors to the coming Centennial Exhibition, it is safe to predict a very considerable increase to the numbers of the past year.

The following table shows the number of admissions and gate receipts, in detail, for the past eight months:

Adults, (paying 25 cents at the gate),	161,467
Children (" 10 " " ")	39,450
Members, (this includes life and annual members, loan-certificate holders, annual and complimentary annual tickets)	6,289
Loan-certificate holders, (single tickets)	2,205
Complimentary, " "	308
Tickets sold by local agents, . . .	105
" " " Race & Vine st. R. R. rec'd	8,255
" " " Green & Coates " "	2,977
" " " Spruce & Pine " "	1,451
" " " Steamboat . . .	4,438
Package tickets received, . . .	612
<hr/>	
Total visitors in eight months, .	227,557
<hr/>	
Visitors entered through north gate,	183,808
" " " south "	43,749
<hr/>	
Receipts from north gate, . . .	\$39,202 69
" " south " . . .	8,698 96
Outstanding Tickets, . . .	197 46
<hr/>	
Total receipts from admission,	\$48,099 11
<hr/>	
Average daily admission, . . .	936
" " receipts from admission,	\$197 13



The greatest number of visitors on any one day was on
Saturday, July 4th, 1874, . . . 8,328

Monthly record of visitors, and receipts therefrom :

July.	Visitors,	54,399,	Receipts,	\$11,601 45
August.	"	61,128,	"	13,147 40
September.	"	34,420,	"	7,360 90
October.	"	31,374,	"	6,447 60
November.	"	16,383,	"	3,305 85
December.	"	8,519,	"	1,790 95
January.	"	12,434,	"	2,492 04
February.	"	8,900,	"	1,755 46

The managers are glad to say, that out of this large course of people, there have been but four instances where the interference of the police was required to preserve order, and maintain the rules of the Garden.

SUBSCRIPTIONS TO LOAN.

Since the last report, there has been subscribed to the loan of the Society, \$100,875.

The commercial depression of the past year, has doubtless, materially affected—as it has all undertakings—our receipts from this source. But the managers are confident that, with the favorable exhibition of their business and profits which the present report shows, the subscribers to their loan will, hereafter, be found not merely among public spirited citizens, but that those who are seeking a good return for their capital, will find in the certificates of the loan of this Society a sure and profitable investment. The Society pays six per cent. in money, and two and a-half per cent. in tickets on its certificates of loan. No certificate is issued for less than one hundred dollars, and for every investment of two hundred dollars, the holder can at his option, have one annual ticket in the name of any person he may name, or twenty single tickets of admission. These single tickets afford to the benevolent, a means of bestowing on the poor, recreation and instruction, of which many have availed themselves. The total subscriptions to the loan having, during the year, reached the sum of \$125,000, the proposition of the trustees of Mr. Alfred Cope's fund (which was predicated

on that sum being raised by other parties), to subscribe \$25,000 to the Society's loan, on condition that all malt, vinous or spirituous Liquors shall be forever excluded from the premises occupied by the Society, and that no exhibition of animals be given, came before you for consideration. At a meeting held on the 2d of November, 1874, you accepted the proposition by a vote of 681 in favor, to 18 against it. Since that time the proper steps to obtain the alteration in your charter necessary to meet the requirements of the subscription have been taken. The charter has been duly amended by the Court, and before your annual meeting will have taken place, Mr. Cope's liberal subscription will be in our hands.

IMPROVEMENTS.

The permanent improvements erected during the past year have been important and costly. Chief among them is the northern part of a Carnivora house, designed by Messrs. Collins & Autenreith, including Keeper's room, north-wing and one-half of main building at a cost of \$19,320.08. The remaining part of the building is now under contract to be completed by 1st of September, 1875. When finished it will be 200 feet in length by 38 feet in width, and with outside open air cages, will cost \$50,865 93. There have also been erected, a barn and store-room, enclosures and houses for Bear cubs and Racoons, a Skating House, a temporary Restaurant, an Aviary, an Eagle Aviary, Pens for Foxes and Wolves, ornamental Shed over Pump, and new Pump; a Steamboat Wharf has been built, Deer Paddocks extended for Elk, and Rustic House for same; Buffalo House and Pens; three Dams and Swan Pond made on the Creek, and a large Lake for Aquatic Fowl and Skating, with an island therein. The Boundary Fence has been removed and a new fence erected on 35th and 37th streets, and on the north and south ends of the Garden. Board walks have been laid from steamboat and Ferry Landings, from north Entrance to Carnivora House, and from Carnivora House to Restaurant; from Eagle House to Skating House; in 35th street from Pennsylvania Rail Road to south Entrance, and from Girard Avenue to north Entrance. The drives on 35th and 37th streets have been graded from Pennsylvania Rail Road to Girard

Avenue, together with Carriage Stand and Hitching-posts put up. The north and south ends of Garden have been graded, black soiled, manured and made ready for seeding ; vulcanite walks and roads, drain and water pipe laid.

Of Grading grounds, including Lake, there were done	84,132	cubic yards
“ Placing top soil for seeding,	12,983	“ “
“ Grading 35th and 37th streets,	11,313	“ “
Total grading,	<u>108,428</u>	“ “

Of Vulcanite walks, there were laid	3,763	sqr. “
“ “ roads, “ “ “	723	“ “
“ “ floor, small Bear Pit,	28	
Total vulcanite walks,	<u>4,514</u>	“ “

Of Board Walks (4 ft. wide), there were laid,	2,991	Linear feet.
“ Boundary fencing,	3,440	“ “
“ Cast Iron supply pipe	2,037	“ “
“ Vitrified Drain “	411	“ “
“ Sole Tile “	500	“ “

Cast Iron Park seats placed in Garden, 100

A Propagating House for Plants, has been erected, 224 large Deciduous Trees, 31 large Evergreen Trees, 25 Dwarf Deciduous Trees, 18 Shrubs, 90 Vines, 24 Flowering Plants and 411 Flowering Bulbs have been planted ; a large surface of ground sodded, flower beds laid out, and hanging baskets and plants prepared for animal houses.

The necessities of the collection urgently demanding it, the managers propose, during the coming summer, to erect a handsome and commodious House for *Pachydermata*. The designs for the building have been prepared by Messrs. Furness & Hewitt, and are now under consideration.

INCOME AND EXPENDITURES.

INCOME.

(Exclusive of pecuniary donations, subscriptions to the Loan, and Life Memberships), for the fiscal year, ending March 1st, 1875:

Members' Initiation Fees and Dues,	\$ 3,870 00	
Admission Receipts,	48,099 11	
Rents	3,070 00	
Sundries,	204 35	
	<u> </u>	\$55,243 46

EXPENDITURES.

(Exclusive of Permanent Improvements, &c., in Garden.)

Maintenance—Salaries,	\$11,155 01	
“ General expenses,	13,913 72	
“ Office expenses,	969 59	
Estimated loss on Animal acct. by death at Garden, and during importation, less appreciation and donations,	2,000 00	
	<u> </u>	\$28,038 32
Balance forward,	27,205 14	
	<u> </u>	\$55,243 46

CR.

Balance, net profit for year ending March 1st, 1875.		\$27,205 14
Add balance of Income acct. to March 1st, 1874.	\$4,607 72	
Less Life Memberships transferred to Capital acct.,	\$2,650 00	
Less error carried to Capital acct.,	200 00	
	<u> </u>	2,850 00
		<u> </u> 1,757 72

DR.

Interest paid on the Loan of the Society to September 1st, 1874, (less interest on Bank Balances,)	\$ 1,438 46	
Balance forward	27,524 40	
	<u> </u>	\$28,962 86
		<u> </u> \$28,962 86

Balance Income acct., which has been placed to the credit of Profit and Loss, on the books of the Society,		\$27,524 40
--	--	-------------

CAPITAL.

The Receipts and Investments of Capital for the fiscal year, ending March 1st, 1875, have been as follows:

RECEIPTS.

Balance of Capital acct., per last report,	\$6,323 40	
Add credited to Income acct., 1873 in error	\$100 00	
“ (charged labor, material, &c., 1873 in error), now charged Income acct. 1873,	100 00	
	<u>\$200 00</u>	
Less interest acct. 1873, now transferred to Interest acct.,	91 70	
		108 30
Add Life Memberships to March, 1874, deducted from Income acct. to March 1st, 1874,	2,650 00	
		<u>\$ 9,081 70</u>
Subscriptions paid in on Loan		85,575 00
Life Memberships,		4,300 00
Donations,		1,225 00
Time warrants issued,		17,901 01
		<u>\$118,082 71</u>

INVESTMENTS.

For Permanent improvements, and Animal account, per items in Treasurer's Statement (Appendix A),	\$145,148 67	
Less loss on animals, Dr. Profit & Loss acct.,	2,000 00	
	<u>\$143,148 67</u>	
Balance, being excess of investments over receipts of Capital, (which has been provided from Profit and Loss acct.,)		25,065 96
	<u>\$143,148 67</u>	<u>\$143,148 67</u>

The Donations, included in the foregoing statement, were made by the following:

Moorhead Clay Works,	\$ 25 00
Sally M. Waln,	100 00
Ellen Waln,	100 00
A Lady Friend,	1,000 00
	<u>\$1,225 00</u>

The payments of new Life Members, and the money donations, though they may be applied as revenue, are included in this report, with the subscriptions paid on Loan, in the statement of Receipts and Expenditures of Capital.

Total Receipts and Expenditures for fiscal year, ending March 1st, 1875:—

RECEIPTS.

Balance on hand March 1st, 1875,	.	.	.	\$10,931 12
Income--Sundries,	.	.	.	55,243 46
Loan,	.	.	.	85,575 00
Donations,	.	.	.	1,225 00
Life Memberships,	.	.	.	4,300 00
Time Warrants,	.	.	.	17,901 01
				<hr/> \$175,175 59

EXPENDITURES.

Maintenance Expenses,	.	.	.	\$28,038 32
Balance of Interest acct., 1874,	.	.	.	1,438 46
Interest acct., 1873, credited capital acct. 1873, now transferred to Interest acct. 1874,	.	.	.	91 70
Permanent improvements and animals,	.	.	.	143,148 67
Balance, Cash on hand, March, 1875,	.	.	.	2,458 44
				<hr/> \$175,175 59

Total Receipts and Expenditures, from organization of Society, to March 1, 1875:

RECEIPTS.

Income—Previous to and during fiscal year ending March 1, 1874.	"	"	"	"	\$ 3,949 20
Capital Receipts,	"	"	"	"	41,900 00
Income for fiscal year ending March 1, 1875,					55,243 46
Capital Receipts,	"	"	"	"	
(including Time Warrants issued, \$17,901 01)					109,001 01
					<hr/> \$210,093 67

EXPENDITURES.

Maintenance, fiscal year ending March 1, 1874,					\$ 2,191 48
Capital invested,	"	"	"	"	32,818 30
Maintenance,	"	"	"	1875,	28,038 32
Balance of Interest acct.,	"	"	"	"	1,438 46
Capital invested,	"	"	"	"	143,148 67
Balance, Cash on hand,	"	"	"	"	2,458 44
					<hr/> \$210,093 67

ASSETS AND LIABILITIES.

(Exclusive of Permanent Improvements, Animals and Loan Certificates.)

ASSETS.

Cash on hand, March 1, 1875,	\$ 2,458 44
Subscription to Loan, due and unpaid,	15,300 00
Members' fees and dues, " "	4,637 50
Due by Park Commissioners for temporary road, 35th street,	1,850 00
Alfred Cope Trust Fund,	27,561 00
	<hr/> \$51,806 94

LIABILITIES.

Time Warrants,	\$17,901 01
Vulcanite Paving Company,	6,673 39
Sundry—Permanent improvements,	13,445 96
Sundry—Maintenance,	1,792 36
Balance—Excess of Assets over Liabilities,	11,994 22
	<hr/> \$51,806 94 <hr/>

The improvements already contracted for, and those contemplated by the Board, will absorb all the net receipts of the Garden for the coming year, and will also necessitate large additional subscriptions to the Loan of the Society. The Board have felt authorized to rely upon future subscriptions to the Loan, owing to the liberal manner in which subscriptions have heretofore been made, and believing that the large net income of the Society in its first year's business, so fully assures prompt payment of the interest on the Loan as it becomes due, as to induce further large subscriptions.

The net receipts (exclusive of interest charges) of \$27,205.14, represent a business of only eight months, as the Garden was only opened to the public July 1, 1874.

MENAGERIE.

Since the last report the collection of animals at the Garden has been increased by the acquisition of many rare, valuable and expensive specimens. A careful valuation of the stock on hand March 1st, 1875, places it at \$43,620 99. The list hereto annexed in appendix [B] shows in detail the animals acquired since last report, and the manner of their acquisition. There is also a table of losses attached, appendix [C]. It is the aim of the Managers, not only to afford the public an agreeable resort for rational recreation, but by the extent of their collection, to furnish the greatest facilities for scientific observation. So far as their means allow, they are on the alert to procure all desirable specimens of animated nature. The great interest which the Society has inspired in Philadelphians abroad, in merchants owning vessels trading to foreign ports, and especially taken by the Smithsonian Institution, the President and the Secretaries of War and the Navy, who have with great kindness, issued circular letters in behalf of the Society to their officers, has greatly enlarged our means of acquisition and lead us to believe that, at no distant day, our collection will rival those of the most famous Gardens of Europe.

As yet the Society has been unable to publish any scientific observations, or to establish any system by which the additions to scientific information which its collection will surely educe, can be given to the world; hereafter, when the completion of the grounds, buildings, &c., will leave us the means, methods for these purposes, similar to those used by kindred societies, will probably be adopted. In the meantime dissections valuable to the comparative anatomist and pathologist have been made, and notes thereon published, by the Prosector of the Society, Dr. Henry C. Chapman, in the proceedings of the Academy of Natural Sciences, of Philadelphia, for 1874, pages 94 and 95, on the *Disposition of the Latissimus Dorsi*,



&c., in Ateles Geoffroyi and Macacus Rhesus; on the Flexor Brevis Digitorum in Ateles Geoffroyi; and on the interesting disposition of the blood vessels in the Rete Mirabile in Bradypus Didactylus.

During the past year James C. Hand, Esq., and our late zealous and efficient Secretary, John J. Ridgway, Esq., resigned from the Board, and their places have been filled by Messrs. Charles W. Trotter and John Samuel.

The thanks of the Society are due to the money donors above named; to Messrs. Landreth & Son, H. A. Dreer, and Robert Buist, of Philadelphia, to Mr. George Such, of South Amboy, N. J., for gifts of plants, flowers, &c., and to Mrs. E. A. Garrigues for an English myrtle; to all those named in appendix [B] who have presented animals as therein set out, and to the Pennsylvania and Union Pacific Railroads, for their liberality in the transportation of the Society's freight. All of which is submitted by order of the Board.

JOHN SAMUEL,

Secretary, Zoological Society.

APPENDIX A.

TREASURER'S STATEMENT.

March 1, 1874 to March 1, 1875.

DR.

To Balance on hand March 1, 1874,		\$10,931 12
" Loan Subscriptions paid,		85,575 00
" Donations,		1,225 00
" Life Memberships,		4,300 00
" Time Warrants,		17,901 01
" Members' Initiation fees and annual dues,	\$3,870 00	
" Admission receipts,	48,099 11	
" Rents at Garden,	3,070 00	
" Sundries.	204 35	

Transferred to Cr. of Profit & Loss acct., 55,243 46

\$175,175 59

CR.

By Warrants, paid for:

Salaries,	\$11,155 01
Feed,	6,265 01
Advertising,	2,437 40
Music,	1,997 50
Printing,	612 67
Insurance,	612 00
Coal,	299 75
Uniforms and Equipments,	728 50
Telegraph Line,	210 02
Labor,	380 00
Sundries—General expenses,	370 87
Office expenses,	969 59

Transferred to Debit of Profit & Loss acct., \$26,038 32

Interest acct. Balance, charged to Profit & Loss acct. . 1,438 46

Amount carried forward. \$27,476 78

Amount brought forward.	27,476 78
Permanent Improvement Sundries,	10,947 88
Purchase of Animals,	44,296 84
Aviaries,	9,932 29
Bear Pits,	5,875 44
Monkey House,	4,841 59
Restaurant,	3,501 84
Cages,	3,696 87
Vulcanite Walks,	4,811 60
Fencing,	831 47
Aquaria,	152 20
Temporary Barn,	410 30
Deer Parks and Enclosures,	630 00
Prairie Dog enclosure,	10 13
Penn Mansion,	261 54
Gate House,	685 10
Buffalo Houses,	785 78
Horticulture,	2,378 44
Lake,	8,617 65
Walks, Roads, Grading, &c.,	17,538 81
Houses for Sundry Animals,	3,369 84
Carnivora House,	19,320 08
Propagating House,	1,000 00
Temporary Pens,	99 16
Skating House,	1,153 82
Interest acct. 1873 credited Capital acct., now transferred to	
Interest acct.	91 70
Balance Cash on hand March 1, 1875,	2,458 44
	<hr/>
	\$175,175 59
	<hr/>

The above payments include only the amounts charged to the different accounts, during the past year; by reference to the Balance Sheet, the amount charged to each account will show the total amount invested in each improvement to date.

FRANK H. CLARK,

Treasurer

BALANCE SHEET.

ZOOLOGICAL SOCIETY.

Dr.		Cr.	
Cash,	\$2,458 44	Loan,	\$118,225 00
Permanent Improvement Sundries,	24,279 41	Donations,	7,825 00
Purchase of Animals,	43,620 99	Life Memberships,	6,950 00
Aviaries,	9,932 20	Time Warrants,	17,901 01
Bear Pits,	5,875 44	Profit and Loss,	27,524 40
Monkey House,	8,019 59		
Restaurant,	3,501 84		
Cages,	4,854 21		
Vulcanite Walks,	9,738 02		
Fencing,	3,756 10		
Aquaria,	422 20		
Temporary Barn,	1,620 30		
Deer Parks, Enclosures, &c.,	1,792 55		
Prairie Dog Enclosure,	365 93		
Penn Mansion,	1,324 41		
Gate Houses,	2,600 10		
Buffalo House,	785 78		
Horticulture,	2,378 44		
Lake,	8,617 65		
Walks, Roads, Grading, &c.	17,538 81		
House for Sundry Animals,	3,369 84		
Carnivora House,	19,320 08		
Propagating House,	1,000 00		
Temporary Pens,	99 16		
Skating House,	1,153 82		
	<u>\$178,425 41</u>		<u>\$178,425 41</u>

Philadelphia, March 1, 1875.



APPENDIX B.

LIST OF ADDITIONS TO THE SOCIETY'S MENAGERIE DURING THE YEAR ENDING MARCH 1, 1875.

1874.

- Apr. 16. 2 Alligators (*Alligator Mississippiensis*) Presented by Dr. Hoffman, Phila.
18. 1 Red and Yellow Macaw (*Ara Chloroptera*). Presented by O. F. Cabada.
21. 1 Virginia Deer (*Cervus Virginianus*), ♂. Presented by Dr. Paine, Phila.
27. 1 Brown Bear (*Ursus Americanus*), ♂. Presented by Captain E. Whitehurst.
1 Crested Curassow (*Crax Alector*), ♂. Presented by Captain J. Wilkie.
2 Globose Curassows (*Ourax Panxi*), ♂ and ♀. Purchased.
29. 1 Alligator (*Alligator Mississippiensis*). Presented by Captain W. Stokes Boyd, Phila.
30. 1 Pair White Fantail Pigeons. Presented by Mr. Caspar Heft, Phila.
1 Pair Blue Fantail Pigeons (*Columba Domestica*). Presented by Mr. Caspar Heft, Phila.
1 Pair Blue Owl Pigeons (*Columba Domestica*). Presented by Mr. Caspar Heft, Phila.
1 Pair Black Barb Pigeons (*Columba Domestica*). Presented by Mr. Caspar Heft, Phila.
1 Pair Yellow Barb Pigeons (*Columba Domestica*). Presented by Mr. Caspar Heft, Phila.
1 Pair Black Capped Turbets (*Columba Domestica*). Presented by Mr. Caspar Heft, Phila.
1 Pair Sky-blue Carrier Pigeons (*Columba Domestica*). Presented by Mr. Caspar Heft, Phila.
1 Pair Black Nun Pigeons (*Columba Domestica*). Presented by Mr. Caspar Heft, Phil.
May 1. 1 Virginia Horned Owl (*Bubo Virginianus*). Presented by Mr. R. R. Beck, Litz, Pa.
2. 1 Great Horned Owl (*Bubo Virginianus*). Presented by Mr. T. Bason, Phila.
1 Golden Pheasant (*Thaumalia Picta*), ♂. Presented by Miss Louisa Baldwin, Phila.

- May 4. 1 Golden Eagle (*Aquila Canadensis*). Presented by Mr. Herman Degenhardt, Phila.
9. 6 Key West Pigeons (*Oreopelica Martinica*). Presented by Mr. E. F. Cabada, Phila.
- 2 Virginia Quail (*Ortyx Virginianus*), ♂ and ♀. Presented by Mr. E. F. Cabada, Phila.
- 3 Doves (*Columba Carolinensis*). Presented by Mr. E. F. Cabada, Phila.
14. 1 Sulphur-crested Cockatoo (*Cacatua Galerita*). Presented by Mr. Theo. L. Harrison, Phila.
- 1 Pink Cockatoo (*Cacatua Leadbeteri*).
- 1 Magpie (*Pica Candata*).
- 1 Menopoma (*Menopoma Allighaniensis*). Presented by Dr. H. C. Chapman, Phila.
16. 15 Monkeys (different varieties). Purchased.
- 3 Agoutis (*Dasyprocta Agouti*). Purchased.
19. 4 Monkeys (different varieties). Purchased.
- 1 Two-toed Sloth (*Cholepus Didactylus*). Purchased.
- 2 Storks (*Ciconia Alba*). Purchased.
- 2 Mute Swans (*Cygnus Olor*). Purchased.
- 2 Widgeons (*Marica Americana*). Purchased.
21. 1 Porcupine (*Erethizon Dorsatum*). Presented by Captain A. A. Clay, Wilcox, Elk County, Pa.
22. 2 Ocelots (*Leopardus Pardalis*). Purchased.
23. 1 Black Bear (*Ursus Americanus*). Presented by Mr. J. V. Craven, Salem, N. J.
- 1 Alligator (*Alligator Mississippiensis*). Presented by Miss E. M. Gordon, Phila.
25. 1 Great Horned Owl (*Bubo Virginianus*). Presented by Mr. J. B. Paxton, Phila.
- 1 Great Horned Owl (*Bubo Virginianus*). Presented by Mr. N. C. Green, Delaware County, Pa.
- 7 Red Foxes (*Vulpes Fulvus*). Presented by Mr. John Krider, Philadelphia.
- 1 Prairie Wolf (*Canis Latrans*). Presented by Mr. John Krider, Philadelphia.
26. 1 Nonpareil (*Platycercus Eximius*). Presented by Miss Welsh, Philadelphia.
- 1 Goldfinch (*Fringilla Elegans*). Presented by Miss Welsh, Philadelphia.
- 1 Red Squirrel (*Sciurus Hudsonius*). Presented by Miss Welsh, Philadelphia.
- 3 Flying Squirrels (*Pteromys Volucella*). Presented by Miss Welsh, Philadelphia.
29. 2 Leopards (*Leopardus Varius*). Purchased.
- 1 Llama (*Auchenia Glama*). Purchased.
- June 2. 1 Guinea Pig (*Cavia Aperca*). Born in the Garden.
3. 1 American Elk (*Cervus Canadensis*). Born in the Garden.
- 1 Eland (*Orcas Cana*), ♂. Purchased.
4. 1 Opossum and 10 young (*Didelphys Virginia*)
8. 1 Asiatic Elephant (*Elephas Indicus*). Purchased.
10. 1 Fox Squirrel (*Sciurus Vulpiness*). Purchased.
- 1 Spider Monkey (*Ateles*). Purchased.
11. 1 Lynx (*Lynx Canadensis*). Purchased.
15. 1 Cotton-tail Deer (*Cervus Leucurus*). Purchased.
16. 1 Antelope (*Antilocapra Americana*). Purchased.
- 2 Crested Curassow (*Crax Alector*). Presented by President U. S. Grant.

- June 20. 2 Muscovy Ducks (*Anas Moschata*). Presented by Mr. John Wagner, Phila.
22. 1 Marmot (*Arctomys Marmotta*). Presented by T. E. Newbold.
 1 Ichneumon (*Herpestes Ichneumon*).
 2 Sparrow Hawks (*Tinnunculus Sparverius*). Presented by Mr. H. Horan, Phila.
 1 Great Horned Owl (*Bubo Virginianus*).
 1 Screech Owl (*Scops Asio*). Presented by Mr. W. A. Henry, Phila.
23. 1 Great Horned Owl (*Bubo Virginianus*). Purchased.
 1 Three-toed Sloth (*Bradypus Tridactylus*). Presented by W. B. Boulton and R. A. Hart.
 6 Monkeys. Presented by W. B. Boulton and R. A. Hart.
24. 2 Brown Coatis (*Nasua Rufa*). Presented by the Smithsonian Institution, Washington, D. C.
 1 Purple Gallinula (*Gallinula Hyacinthus*). Presented by Dr. H. S. Gross, Phila.
27. 1 Virginia Deer (*Cervus Virginianus*). Presented by Flora Sichel, Phila.
28. 1 Australian Parrot (*Nestor Productus*). Presented by Mrs. Cohen Phila.
29. 2 Egrets (*Egreta Alba*).
- July 30. 1 Pink Cockatoo (*Cacatua Leadbeateri*).
1. 2 McCoy's Wombats (*Phascolumys McCoyii*). Purchased.
 1 Dingo (*Canis Dingo*), ♂. Purchased.
 1 Dingo (*Canis Dingo*), ♀. Presented by Mr. George Watson, Melbourne, Aus.
 1 Tasmanian Devil (*Dasyurus Ursinus*), ♂. Purchased.
 2 Yellow-footed Rock Wallabys (*Petrogale Xanthopus*), ♂ and ♀. Purchased.
 1 Pair Bush Wallabys (*Petrogale Penicillata*). Presented by Mr. John Cluland, Melbourne, Aus.
 1 Phalanger (*Phalangista fuliginosa*). Purchased.
 1 Pair New South Wales Wallabys (*Halmaturus ualabatus*). Purchased.
 4 Yorke's Peninsula Kangaroos (*Macropus*), 1 ♂ 3 ♀. Purchased.
 1 Pair Red Kangaroos (*Osphranter rufus*). Purchased.
 3 Native Cats (*Dasyurus maculata*), 1 ♂ 2 ♀. Purchased.
 5 Kangaroo Rats (*Bettongia pencilata*). Purchased.
 1 Flying Squirrel (*Petaurus australis*). Purchased.
 4 Native Companions (*Grus australasianus*). Purchased.
 3 Black Swans (*Cygnus atratus*). Presented by Mr. John Cluland, Melbourne, Aus.
 4 Magpie Geese. Purchased.
 2 Wedge-tail Eagles (*Aquila Audax*). Purchased.
 4 Piping Crow Shrikes (*Gymnorhina Tibicen*). Purchased.
 2 Bald Coots (*Porphyrio Veterum*). Purchased.
 4 Sulphur-crested Cockatoos (*Cacatua Gelerita*). Purchased.
 1 Northern Rozella. Purchased.
 1 Crested Pigeon (*Ocyphaps Lophotes*). Purchased.
 3 Long-billed Cockatoos (*Cacatua*). Purchased.
 11 Rose Cockatoos (*Cacatua Eos*). Purchased.
 8 Leadbeater's Cockatoos (*Cacatua Leadbeateri*). Purchased.
 23 Parrakeet Cockatoos (*Nymphicus Nova Hollandae*). Purchased.
 1 Victorian Rozella (*Platycercus Eximius*). Purchased.

- July 1. 5 Finches (*Fringilla*). Purchased.
 2 Moreton Bay Rozellas. Purchased.
 3 Blue Mountain Parrakeets. Purchased.
 16 Warbling Grass Parrakeets (*Melopsitticus Undulatus*). Purchased.
 3 Scarlet Lorys (*Charmasyna*). Purchased.
 3 King Lorys (*Charmasyna*). Purchased.
 1 Small Kingfisher (*Alcido*). Purchased.
 24 Zebra Finches (*Fringilla*). Purchased.
 23 Diamond Sparrows (*Cardulotus punctatus*). Purchased.
 6 Mauritius Cardinals. Purchased.
 5 Laughing Jackasses (*Dacelo gigas*). Purchased.
 3 Tasmanian Jackasses (*Dacelo gigas*). Purchased.
 2 Rails (*Rallus*). Purchased.
 5 Bronze-wing Pigeons (*Phaps Chalcoptera*). Purchased.
 2 Baboons (*Cynocephalus porcarius*). Purchased.
 5. 1 Yorke's Peninsula Kangaroo Born in the Garden.
 2 Red and Yellow Macaws (*Ara chloroptera*). Purchased.
 6. 1 Great Horned Owl (*Bubo virginianus*).
 1 Opossum (*Didelphys virginiana*).
 9. 2 Young Fish Hawks (*Pandion carolinensis*). Presented by Mr. T. Wood, Phila.
 1 Horned Toad (*Phrynosoma orbiculan*).
 1 Chameleon Lizard (*Anolius carolinensis*).
 11. 3 Canada Geese (*Bernicla canadensis*). Presented by Mr. John Krider, Phila.
 2 Canada Geese (*Bernicla canadensis*).
 13. 1 Great Horned Owl (*Bubo virginianus*). Presented by Mr. John H. Swaby, Phila.
 14. 1 St. Bernard Dog (*Canis familiaris*).
 15. 2 Virginia Barn Owls (*Strix pratiricola*). Presented by Mr. John Krider, Phila.
 16. 1 Black Bear (*Ursus americanus*).
 2 African Goats. Presented by Mr. F. A. Shower, Phila.
 1 Gray Owl (*Syrnium cinerium*). Presented by Mr. Hartley, Phila.
 17. 4 Rabbits (*Lepus cuniculus*). Presented by Mr. M. M. Walker, Germantown.
 18. 1 Grey Fox (*Vulpes virginianus*). Presented by Capt. J. M. Dow, Panama.
 1 Guinea Pig (*Cavia cobaya*). Presented by Mr. A. M. Cole, Phila.
 1 Alligator (*Alligator mississippiensis*). Presented by Mr. Alex. E. Cattell, Phila.
 1 Heron (*Egretta alba*). Purchased.
 20. 2 Black Bear Cubs (*Ursus americanus*), 2 ♂. Presented by Miss C. T. Armbruster, Montgomery Co., Pa.
 24. 1 Alligator (*Alligator mississippiensis*).
 1 Marmot (*Arctomys monax*). Presented by Mr. H. Howson, Phila.
 1 Great Horned Owl (*Bubo virginianus*).
 1 Marmot (*Arctomys monax*). Presented by F. A. Keyser.
 5 Rabbits (*Lepus cuniculus*).
 25. 2 Red Foxes (*Vulpes fulvus*).
 27. 1 Pair English Rabbits (*Lepus cuniculus*). Presented by Mr. Robert Steel, Phila.
 28. 1 Pair Poland Rabbits (*Lepus cuniculus*). Presented by Mr. George Armstrong, Phila.

- July 29. 1 Red-tailed Hawk (*Buteo borealis*).
 30. 1 Wild Cat (*Lynx rufus*). Presented by Mr. E. B. McCann, Altoona, Pa.
 1 Golden Eagle (*Aquila canadensis*).
 31. 1 White Crane (*Grus americanus*).
 Aug. 4. 1 Virginia Deer (*Cervus virginianus*).
 5. 1 Alligator (*Alligator mississippiensis*).
 6. 1 Rattlesnake (*Crotalus durissus*). Presented by Mr. N. L. Sergeant, West Virginia.
 1 Elk (*Cervus Canadensis*). Presented by Martin Fuller & Co.
 8. 1 Red Fox (*Vulpes fulvus*).
 9. 1 Yorke's Peninsula Kangaroo, ♀. Born in the Garden.
 10. 3 Rousette Bats (*Pteropus medius*). Purchased.
 11. 6 Giraffes (*Camelopardalis giraffa*), 5♂, 1♀. Purchased.
 1 Marmot (*Arctomys monax*). Presented by Mr. H. C. Warfel, Phila.
 1 Bald Eagle (*Haliaetus leucocephalus*),
 12. 1 Marmot (*Arctomys monax*). Presented by Mr. Michael Bashen, Phila.
 1 Grey Squirrel (*Sciurus cinereus*). Presented by Mr. Joseph Hammer, Phila.
 13. 1 Alligator (*Alligator mississippiensis*).
 14. 1 Gallinule (*Gallinula martinica*). Presented by Mr. Conklin, Phila.
 1 Great Horned Owl (*Bubo virginianus*). Presented by Mr. Conklin, Phila.
 1 California Mountain Quail (*Oreortyx pictus*), ♂. Presented by Mr. Joseph Taggart, New Castle, Del.
 1 California Valley Quail (*Lophortyx californicus*). Presented by Mr. Joseph Taggart, New Castle, Del.
 15. 2 Raccoons (*Procyon lotor*), ♂ and ♀. Presented by Mr. T. C. North, Wilkesbarre, Pa.
 1 Alligator (*Alligator mississippiensis*).
 4 Soft Shell Turtles (*Trionyx*). Presented by Messrs. Sheppard & Seal, Phila.
 17. 1 Alligator (*Alligator mississippiensis*).
 18. 1 Monkey.
 19. 2 Alligators (*Alligator mississippiensis*).
 20. 1 Sea Turtle (*Chelonia*).
 21. 3 American Robins (*Turdus migratorius*). Presented by Mr. Joseph Farrel, Phila.
 1 Golden-winged Flicker (*Colaptes auratus*). Presented by Mr. Joseph Farrel, Phila.
 23. 1 Raccoon (*Procyon lotor*). Presented by Mr. W. Baird, Phila.
 24. 1 Marmot (*Arctomys monax*). Presented by Mr. John Han-kinson, Phila.
 1 Alligator (*Alligator mississippiensis*). Presented by Mr. A. D. Keyser, Phila.
 1 Prong-horn Antelope (*Antilocapra americana*). Purchased.
 25. 1 Marmot (*Arctomys monax*).
 27. 1 Screech Owl (*Scops asio*). Presented by Mr. Charles L. Jefferson, Phila.
 1 Great Horned Owl (*Bubo virginianus*).
 1 Fox (*Vulpes fulvus*).
 1 Great Horned Owl (*Bubo virginianus*).
 1 Otter (*Lutra Canadensis*). Presented by Mr. Ferris.
 28. 1 Great Horned Owl (*Bubo virginianus*). Presented by Mr. Koenig, Phila.

- Aug. 30. 1 Opossum and young (*Didelphys virginianus*). Presented by Mr. J. McGee, Phila.
 2 Beavers (*Castor canadensis*). Purchased.
31. 1 Cardinal Red Bird (*Cardinalis virginianus*), 2 Chinese Doves, 2 Java Sparrows,, 1 Shell Parrakeet (*Melopsitticus undulatus*). Presented by Master W. C. Biddle, Phila.
- Sept. 1. 1 Badger (*Taxidea americana*), ♀. Presented by Mr. John Krider, Phila.
 2. 2 Beavers (*Castor canadensis*). Purchased.
 4. 2 Rattlesnakes (*Crotalus durissus*). Presented by Mr. John C. Sinclair, N. C.
 5. 1 English Fox (*Vulpes vulgaris*). Presented by Mr. R. Fox, Phila.
 6. 2 Foxes (*Vulpes fulvus*). Presented by Mrs. Armbruster, Phila.
 7. 10 Soft-shell Turtles (*Trionyx muticus*). Purchased.
 8. 2 Brown Coatis (*Nasua narica*). Born in the Garden.
 9. 1 Great Horned Owl (*Bubo virginianus*). Presented by Mr. Edward Miller, West Chester, Pa.
 10. 2 Crows (*Corvus americanus*).
 1 Marmot (*Arctomys monax*). Presented by Mr. S. Fisher Corlies, Phila.
 12. 1 Muscovy Duck and 8 young (*Carina moschata*). Presented by Park Commission.
 13. 1 American Porcupine (*Erethizon dorsatus*). Presented by Mr. John Krider, Phila.
 16. 2 Polar Foxes (*Vulpes lagopus*). Presented by Mr. G. Gardeike, Phila.
 17. 1 Mexican Tarantula (*Mygale*).
 21. 1 Ichneumon Lizard (*Anolis carolinensis*).
 24. 1 Virginia Rail (*Rallus virginianus*). Presented by Mr. John Krider, Phila.
 26. 1 Cuban Parrot.
 28. 1 Sand-hill Crane (*Grus canadensis*). Presented by Mr. John Krider, Phila.
 1 Golden-shafted Flicker (*Colaptes auratus*). Presented by Mr. W. A. Henry, Phila.
- Oct. 30. 1 Raccoon (*Procyon lotor*).
 1. 1 Night Heron (*Nyctardea gardeni*). Presented by Mr. John Krider, Phila.
 2. 1 Marmot (*Arctomys monax*). Presented by Miss E. Corlies, Phila.
 3. 2 Alligators (*Alligator mississippiensis*).
 5. 2 Guinea Pigs (*Caiva cobaya*). Presented by Mr. W. S. Hammer, Phila.
 1 Golden-shafted Flicker (*Colaptes auratus*). Presented by Mr. Bingham, Camden, N. J.
 9. 1 Pair Pea Fowls (*Pavo cristatus*). Presented by Mr. Abel C. Thomas, Tacony, Pa.
 2 Rabbits (*Lepus cuniculus*). Presented by Miss Maggie Reid, Conshohocken, Pa.
 10. 1 Case Insects and 1 bottle preserved Scorpions. Presented by Mr. C. L. Pascal, Phila.
 12. 1 Rattlesnake (*Crotalus durissus*). Presented by Mr. Clarence S. Bement, Phila.
 13. 1 Bald Coot (*Fulica*). Purchased.
 14. 1 Alligator (*Alligator mississippiensis*).
 15. 2 Sooty Pacas (*Coelogenys pacca*). Purchased.

- Oct. 15. 1 Coati Mondí (*Nasua fusca*). Purchased.
 1 Bald Coot (*Fulica*). Presented by Mr. C. Linder Meyer, Phila.
17. 1 Great Horned Owl (*Bubo virginianus*). Presented by Mr. A. Shingle, Manayunk, Pa.
 1 Night Heron (*Nyctardea gardeni*). Presented by Mr. Joseph M. Wilson, Washington, D. C.
18. 1 Flying Squirrel (*Pteromys volucella*). Presented by Mr. W. I. Chambers, Phila.
19. 1 Golden-shafted Flicker (*Colaptes auratus*). Presented by Mr. E. A. Rodwald, Camden, N. J.
20. 1 Alligator (*Alligator mississippiensis*).
 1 Flying Squirrel (*Pteromys volucella*). Presented by Mr. Walter Cox, Phila.
21. 4 Rattlesnakes (*Crotalus horridus*).
 4 Reed Birds (*Dolichonyx oryzivorus*). Purchased.
22. 1 Porcupine (*Erethizon dorsatus*). Presented by Mr. Justus P. Jones, Phila.
23. 1 Horned Frog (*Phrynosoma orbiculare*). Presented by Mr. Levi D. Clogson, Phila.
24. 1 Mandrill Monkey (*Papia maimon*). Presented by Dr. M. E. Taylor, Camden, N. J.
26. 1 Hawk. Presented by Mr. A. N. Lindenmuth, Tamaqua, Pa.
27. 6 Monkeys (different varieties). Purchased.
 2 Blue and Red Macaw (*Ara macao*). Purchased.
 1 Red Macaw (*Ara macao*). Purchased.
 2 Agoutis (*Dasyprocta agouti*). Purchased.
28. 1 Pair Golden Pheasants (*Thaumatia picta*). Presented by Mr. Clarence Ramsden, Camden, N. J.
 1 Pair Bronze Turkeys (*Meleagris*). Presented by Mr. Caspar Heft, Phila.
 1 Great Horned Owl (*Bubo virginianus*). Presented by Miss Ada D. Thomas, Chester, Pa.
29. 1 Spoon-bill (*Platalea ajaja*). Presented by the American Steamship Company, Phila.
31. 1 Wood Duck (*Aix sponsa*).
 1 Wild Goose (*Anser*). Presented by Mr. M. Baird, Phila.
- Nov. 1. 1 Opossum (*Didelphys virginiana*).
 10 Sparrows, 1 Snow Bunting (*Fringilla hyemalis*). Presented by Messrs. Snyder & Pearsol, Phila.
2. 1 Mexican Tarantula (*Mygale*). Presented by Mr. J. Kain, Phila.
3. 2 Ring Doves (*Columba palumbus*). Presented by Captain J. T. Robinson, Phila.
4. 1 Ruffed Grouse (*Bonasa umbellus*). Presented by Mr. E. C. Knight, Phila.
5. 1 Golden Eagle (*Aquila canadensis*).
7. 3 Cuban Doves. Presented by Mr. Harkinson, Phila.
9. 1 Great Horned Owl (*Bubo virginianus*). Presented by Dr. F. Schley, Frederick, Md.
10. 2 Spotted Hyenas (*Crocuta maculata*). Purchased.
 1 Pair Bornean Sun Bears (*Helarctos euryspilus*). Purchased.
 1 Pair Sambar Deer (*Rusa aristotclis*). Purchased.
 1 Pair Axis Deer (*Cervus axis*). Purchased.
 1 Panther, ♂. Presented by Mr. Carlo Ferrari, Buitenzorg, Java.
 1 Panther (*Leopardus concolor*), ♀. Purchased.

- Nov. 10. 4 Javanese Porcupines (*Atherura africana*). Purchased.
 3 Musk Cats. Purchased.
 1 Palembang Squirrel. Purchased.
 1 Jelerang Squirrel (*Sciurus javer*). Purchased.
 14 Pigtail Macaques (*Macacus porcaricus*). Purchased.
 13 Common Macaques (*Macacus*). Purchased.
 2 Cassowaries (*Casuaris emu*). Purchased.
 2 Flamingoes (*Phenicopterus ruber*). Purchased.
 1 Java Peacock (*Pavo muticus*). Purchased.
 1 Crowned Pigeon (*Gaura Coronata*). Purchased.
 2 Nicobar Pigeons (*Colaenas nicobarica*). Purchased.
 2 Green Pigeons (*Columba*). Purchased.
 3 White-ring-neck Pigeons. Purchased.
 5 Spotted-ring-neck Pigeons. Purchased.
 18 Small Doves. Purchased.
 1 Javanese Eagle. Purchased.
 3 Javanese Owls. Purchased.
 1 Falcon (*Falco*). Purchased.
 30 Java Sparrows. Purchased.
 30 Green Finches. Purchased.
 11 Whiskered Parrakeets. Purchased,
 2 Angora Cats (*Felis catta*), 2 Gray Ichneumons, 1 Black Ichneumon (*Herpestes*), 1 Australian Native Cat (*Dasyurus*). Presented by Mr. Charles Jamrach, London, England.
 11. 1 Bald Eagle (*Halietus leucocephalus*). Presented by Mr. J. B. Crawford, Wilkesbarre, Pa.
 12. 1 Rattlesnake (*Crotalus horridus*), and 2 Alligators (*Alligator mississippiensis*). Presented by Mr. W. H. Burr, Phila.
 13. 1 Tortoise (*Emys*). Presented by Jerry Walker, Phila.
 14. 2 Fox Squirrels (*Sciurus vulpinus*). Presented by Mr. W. H. Finch, Phila.
 15. 3 Ground Squirrels (*Tamias striatus*). Presented by Mr. Frank Wind, Phila.
 1 Great Horned Owl (*Bubo virginianus*). Presented by Mr. Thomas J. Whitney, Phila.
 16. 2 Horned Frogs (*Phrynosoma orbiculare*). Presented by Mr. Frank Clemens, Phila.
 17. 1 Opossum (*Didelphys virginiana*), ♂. Presented by Mr. Joseph Sterling, Phila.
 18. 2 Lizards. Presented by Mr. Howard A. Kelly, Phila.
 19. 6 Silver Gray Rabbits. Presented by Mr. W. L. Abbott, Phila.
 20. 1 Ruffed Grouse (*Bonasa umbellus*), ♀. Presented by Mr. George B. Spayde, Reading, Pa.
 1 Falcon. Presented by Mr. F. Burroughs, Melville, N. J.
 1 Young Grizzly Bear (*Ursus horribilis*). Presented by Mr. Francis Greenwood, Colorado Springs, Col.
 22. 1 American Elk (*Cervus canadensis*), ♀. Presented by Mr. John Rice, Phila.
 2 Buffaloes (*Bos americanus*), ♂ and ♀. Presented by Mr. John Rice, Phila.
 23. 1 Cougar (*Felis concolor*), ♂. Purchased.
 2 Grey Wolves (*Canis occidentalis*), ♂ and ♀. Purchased.
 3 Collared Pecaries (*Dicotyles torquatus*), 1 ♂, 2 ♀. Purchased.
 2 Catamounts (*Lynx rufus*). Purchased.
 1 Texas Civet (*Bassaris astuta*). Purchased.
 2 Mexican Dogs (*Canis familiaris* var). Purchased.
 1 Black Bear (*Ursus americanus*), ♂. Purchased.

- Nov. 23. 2 Ring Doves (*Columba palumbus*). Purchased.
 3 Texas Caracaras. Purchased.
 1 Red-tailed Hawk (*Buteo borealis*). Purchased.
 2 Great Horned Owls (*Bubo virginianus*). Purchased.
24. 1 Virginia Quail (*Ortyx virginianus*), ♂. Presented by Mr. A. D. Trimble, Medford, N. J.
 1 Ruffed Grouse (*Bonasa umbellus*), ♂. Presented by Mr. A. D. Trimble, Medford, N. J.
25. 1 Great Horned Owl (*Bubo virginianus*). Presented by Mr. J. Mason, Vineland, N. J.
27. 1 Small Owl. Presented by Mr. Newberry Fratz, Phila.
28. 1 Screech Owl (*Scops asio*). Presented by Mr. John Ballyntyne, Phila.
 1 Mottled Owl (*Scops asio*). Presented by Mr. E. Forest Wever, Phila.
29. 1 Pair Ruffed Grouse (*Bonosa umbellus*). Presented by Mr. F. Burrough, Melville, N. J.
 1 Alligator (*Alligator mississippiensis*). Presented by Mr. Louis Potsdamer, Phila.
30. 1 Red-tailed Hawk (*Buteo borealis*), ♂. Presented by Mr. James H. McDonald, Montgomery County, Pa.
 1 Black Snake (*Coryphodon constrictor*). Presented by Mr. Norris W. Smith, Phila.
- Dec. 1. 1 Red-tailed Hawk (*Buteo borealis*). Presented by Mr. C. S. Ridgway, Phila.
 2 Canvas-back Ducks (*Aythya rallisneria*), 2 Wild Pigeons (*Ectopistes migratoria*). Presented by Mr. Moot, Phila.
 1 Grey Fox (*Vulpes virginianus*), ♂. Presented by Miss Fannie S. Brubaker, Landesville, Lancaster County, Pa.
4. 3 White Turkeys (*Meleagris domestica*), 1 ♂ 2 ♀. Presented by Mr. W. L. DeBorbon, Reading, Pa.
 1 Rattlesnake and 4 young (*Crotalus horridus*), and
 1 Mottled Owl (*Scops asio*). Presented by Messrs. Windle & Doan, Coatesville, Pa.
5. 2 Alligators (*Alligator mississippiensis*). Presented by Miss Isabella F. Townsend, Phila.
 1 Red Tailed Hawk (*Buteo borealis*). Presented by Mr. John Foulk, Phila.
6. 1 Green Nonpareil. Presented by Mrs. Markely, Phila.
 1 Red-tailed Hawk (*Buteo borealis*).
8. 1 Cercopithecus Monkey (*Cercopithecus griseus*). Captured in the Park.
9. 2 South American Deer. Purchased.
10. 1 Gallinule (*Gallinula*).
 1 Mink (*Putorius vison*).
12. 2 Screech Owls (*Scops asio*). Presented by Mr. John Krider, Phila.
 1 Fox Squirrel (*Sciurus vulpinus*). Presented by Master Benton K. Jamison, Jr., Phila.
 1 Opossum (*Didelphys virginiana*). Presented by Mr. Charles Bohlen, Phila.
13. 1 Great Horned Owl (*Bubo virginianus*). Presented by Mr. Nelson Varnum, Ates, N. J.
 2 Opossums (*Didelphys virginiana*).
14. 1 Opossum (*Didelphys virginiana*).
15. 3 Virginia Deer (*Cervus virginianus*), 1 ♂ 2 ♀. Presented by J. J. Rodgers, Bridgeport, N. J.

- Dec. 16. 1 Mottled Owl (*Scops asio*).
19. 1 Rattlesnake (*Crotalus horridus*). Presented by Mr. J. M. Currier, Marysville, Tenn.
- 1 Black Hawk (*Archibuteo sanctijohannis*). Presented by Mr. C. M. Bowles, Phila.
20. 1 Great Horned Owl (*Bubo virginianus*). Presented by Dr. H. F. Fitch, Phila.
22. 1 Hawk. Presented by Mr. W. B. Fox, Phila.
23. 1 Raccoon (*Procyon lotor*). Presented by Messrs. Mawson Bros., Phila.
- 2 Opossums (*Didelphys virginiana*). Presented by Mr. George P. Spayde, Reading, Pa.
- 1 Opossum (*Didelphys virginiana*). Presented by Mr. G. N. Peacock, Haddonfield, N. J.
25. 1 Great Horned Owl (*Bubo virginianus*).
- 1 Opossum (*Didelphys virginiana*). Presented by Messrs. Mawson Bros., Phila.
26. 2 Pigeons, 1 Red Crossbill (*Curvirostra americana*), 1 Turtle Dove (*Columba turtur*), 1 Black Robin. Presented by Mr. E. F. Cabada, Phila.
27. 1 Mottled Owl (*Scops asio*). Presented by Mr. E. F. Weaver, Phila.
- 1 Alligator (*Alligator mississippiensis*). Presented by Cadet Engineer, Stacy Potts, U. S. S. "Worcester."
28. 1 Pair African Lions (*Felis leo*). Purchased.
- 1 Bengal Tiger (*Felis tigris*), ♂. Purchased.
- 1 Black Leopard (*Felis leopardus*), ♂. Purchased.
- 1 Hawk.
31. 1 Red Fox (*Vulpes fulvus*), 1 Opossum (*Didelphys virginiana*), 1 Terrapin (*Emys terrapina*), with oyster shell attached. Presented by Mr. Joseph M. Wilson, Washington, D. C.
- 2 Piebald Rats. Presented by Mr. George Thomas, Phila.
- 1 African Elephant (*Loxodonta africana*), ♀. Purchased.
- 1 Indian Elephant (*Elephas Indicus*), ♀. Purchased.
- 2 African Lions (Cubs). (*Felis leo*), 2 ♂. Purchased.
- 3 South American Deer. Purchased.
- 1875.
- Jan. 1. 1 Virginia Deer (*Cervus virginianus*), ♂. Presented by The Delaware S. P. C. A., Wilmington, Del.
2. 1 Prairie Wolf (*Canis latrans*), ♂. Presented by Mr. David Martin, Phila.
3. 1 Brown Thrush (*Harporhynchus rufus*). Presented by Mr. P. T. Harpel, Phila.
5. 1 Pair Peafowls. Presented by Mr. Frank A. Miller, Phila.
- 2 Hares (*Lepus timidus*). Presented by Messrs. Mawson Bros., Phila.
6. 1 Burchell's Zebra, ♀. Purchased.
- 1 Aoudad, ♂. Purchased.
7. 1 Otter (*Lutra canadensis*). Purchased.
9. 1 Ring-tailed Monkey, ♂. Presented by Master Thomas J. Middleton, Phila.
- 2 Young Otters (*Lutra canadensis*). Purchased.
- 1 Grey Wolf (*Canis occidentalis*), ♀. Purchased.
10. 1 Hawk. Presented by Mr. Zietuisky, Phila.
13. 1 Badger (*Taxidea americana*). ♂. Purchased.
- 5 Hawks. Presented by Mr. Harvey R. Crotts, Phila.
- 1 Bittern (*Ardetta exilis*). Presented by Mr. William Hungerbuehler, Phila.

- Jan. 15. 1 Great Horned Owl (*Bubo virginianus*). Presented by Miss Emma Danks, Brady, Pa.
17. 1 Screech Owl (*Scops asio*). Presented by Mr. Snyder, Phila.
2 Goldfinches (*Fringilla tristis*). Presented by Mr. P. T. Harpel, Phila.
25. 1 Hawk. Presented by Mr. W. C. Tilburn. Phila.
27. 1 Mottled Owl (*Scops asio*).
28. 1 Buffalo (*Bos americanus*). ♀. Presented by Master Cornelius C. Felton, Phila.
- 1 Great Horned Owl (*Bubo virginianus*). Presented by Mr. Philip Doerle, Phila.
- 1 Black Rat. Presented by Mr. O. B. Gross, Camden, N. J.
31. 1 Great Horned Owl (*Bubo virginianus*). Presented by Mr. Ed. Kelly, Phila.
- 1 Hawk. Presented by Mr. J. McDonald, Jr., Phila.
- Feb. 1. 1 Pair Rouen Ducks. Presented by Mr. Samuel J. Sharpless, Phila.
8. 1 Young Alligator (*Alligator mississippiensis*), 1 Pigeon (*Columba*). Presented by Master Harry Kirk, Phila.
9. 2 Black Bears (*Ursus americanus*). Born in the Garden.
13. 1 Pair Peafowls (*Pavo cristatus*), 1 Pair White Guineas (*Numida*). Presented by Mr. E. B. Peale, Schuylkill Haven, Pa.
17. 1 Young Alligator (*Alligator mississippiensis*). Presented by Master Geo. C. Fuller, Phila.
22. 1 Rabbit (*Lepus cuniculus*). Presented by Master John Benkert, Phila.
- 2 Sheep, 2 ♀. Presented by Messrs. John Pearce & Co., Phila.
24. 1 Great Horned Owl (*Bubo virginianus*). Presented by Dr. N. Pratt, Milford, Del.
- 1 Bald Eagle (*Haliaetus leucocephalus*). Presented by Mr. Chas. F. Hansell, Phila.

APPENDIX C.

REPORT OF DEATHS AT THE ZOOLOGICAL GARDENS.

1874.

Apr.	27.	1	Brown Bear.	Aug.	31.	2	Beavers.
May	25.	1	Key West Pigeon.	Sept.	2.	1	Dog-headed Monkey.
	28.	1	Two-toed Sloth.		10.	1	Dog-headed Monkey.
July	3.	1	Yorke's Peninsula Kangaroo.		21.	1	Robin.
	4.	1	Red Fox.		26.	1	Warbling Grass Parra- keet.
		1	Black Swan.		27.	1	Kangaroo Rat.
	5.	1	Ring-tailed Monkey.		29.	1	Sand Hill Crane.
	8.	1	Warbling Grass Parra- keet.		30.	1	Golden-winged Flicker.
	9.	1	Menopoma.	Oct.	1.	1	Otter.
	10.	1	Fish Hawk.		4.	1	Dog-headed Monkey.
	13.	1	Canada Goose.		5.	1	Crested Pigeon.
	17.	2	Great Horned Owls.		8.	1	Stork.
	18.	1	Laughing Jackass.			1	Virginia Rail.
		1	Canada Goose.			1	Virginia Rail.
	20.	1	Black Swan.		13.	1	Bush Wallaby.
	21.	1	Baboon.		16.	1	Bald Coot.
	23.	1	Warbling Grass Parra- keet.		29.	2	Key West Pigeons.
	24.	1	Scarlet Lory.	Nov.	2.	2	Screech Owls.
	27.	1	Warbling Grass Parra- keet.		3.	1	Snow Bunting.
	28.	1	Warbling Grass Parra- keet.			1	Mauritius Cardinal.
	31.	1	Laughing Jackass.			6	Sparrows.
Aug.	2.	1	Ocelet.		4.	1	Stork.
	5.	1	Dog-headed Monkey.		5.	1	Great Horned Owl.
	8.	1	Dog-headed Monkey.		7.	1	Laughing Jackass.
	9.	1	Yellow-Footed Rock Wallaby.		12.	2	Great Finches.
	14.	1	Alligator.		13.	1	Green Finch.
	15.	1	Wild Cat.			1	Ruffed Grouse.
	16.	1	Diamond Sparrow.		14.	2	Green Finches.
	19.	1	Spider Monkey.		15.	1	California Quail.
		1	Monkey.		16.	1	Green Finch.
	18.	1	Zebra Finch.		18.	1	Green Finch.
	21.	1	Giraffe.		19.	1	Green Finch.
					21.	1	Great Horned Owl.
					25.	1	Green Finch.
						1	Bronze Wing Pigeon.
					27.	1	Green Finch.
					26.	1	Ruffed Grouse.



- Nov. 28. 2 Mottled Owls.
 29. 1 Reed Bird.
 30. 1 Wood Duck.
 1 Ruffed Grouse.
 Dec. 1. 1 Globose Curassow.
 2 Great Horned Owls.
 2. 1 Reed Bird.
 3. 1 Ruffed Grouse.
 1 Canvas-back Duck.
 6. 2 Crested Curassows.
 8. 1 Mexican Dog.
 9. 1 Gallinule.
 1 Ring-tail Monkey.
 1 Globose Curassow.
 10. 1 Ruffed Grouse.
 1 Leadbeater's Cockatoo.
 1 Native Cat.
 12. 1 Mink.
 14. 1 American Porcupine.
 1 Mottled Owl.
 15. 1 Red Fox.
 17. 1 Axis Deer.
 1 Palembang Squirrel.
 23. 1 Opossum.
 25. 1 Mottled Owl.
 28. 1 Red Fox.
 31. 1 Hawk.
 1 Great Horned Owl.

1875.

- Jan. 1. 1 Virginia Deer.
 3. 1 Cuban Pigeon.
 5. 1 Flamingo.
 7. 1 Brent Goose.
 10. 1 Flamingo.
 11. 1 Marmoset.
 15. 1 American Porcupine.
 1 Hare.
 1 Hawk.
 2 Collared Peccaries.
 17. 1 Java Monkey.
 1 Common Macaque.

- Jan. 18. 1 Gold Finch.
 2 Opossums.
 20. 2 Otters.
 1 Wombat.
 21. 1 Otter.
 22. 1 Cocoanut Squirrel.
 2 Great Horned Owls.
 25. 1 Dove.
 1 Mottled Owl.
 1 Dog.
 26 1 Giraffe.
 2 Great Horned Owls.
 28. 1 Virginia Deer.
 29. 1 Great Horned Owl.
 1 Mottled Owl.
 Feb. 1. 1 Goldfinch.
 1 Small Lizard.
 1 Bush Wallaby.
 2. 1 Black-headed Finch.
 3. 1 Purple Gallinule.
 4. 1 Screech Owl.
 5. 1 Blue-headed Pigeon.
 10. 1 Hawk.
 13. 1 Java Sparrow.
 1 Hawk.
 14. 1 Hawk.
 2 American Black Bears.
 15. 1 Musk Cat.
 1 American Porcupine.
 16. 1 Hawk.
 17. 1 Musk Cat.
 19. 1 Golden Eagle.
 22. 1 Large Egret.
 25. 1 Bleeding Heart Pigeon.
 1 Reed Bird.
 1 Zebra Finch.
 1 Silver Grey Fox.
 26. 1 Fox Squirrel.
 1 Alligator
 27. 1 Mountain Duck.
 1 Alligator.

BIRTHS.

1874.

- June 2. 1 Guinea Pig.
 3. 1 American Elk.
 July 5. 1 Yorke's Peninsula
 Rock Kangaroo.
 Aug. 4. 1 Virginia Deer.

- Aug. 6. 1 American Elk.
 9. 1 Yorke's Peninsula
 Rock Kangaroo.
 Sept. 8. 2 Brown Coatias.
 1875.
 Feb. 9. 2 American Black Bears.

